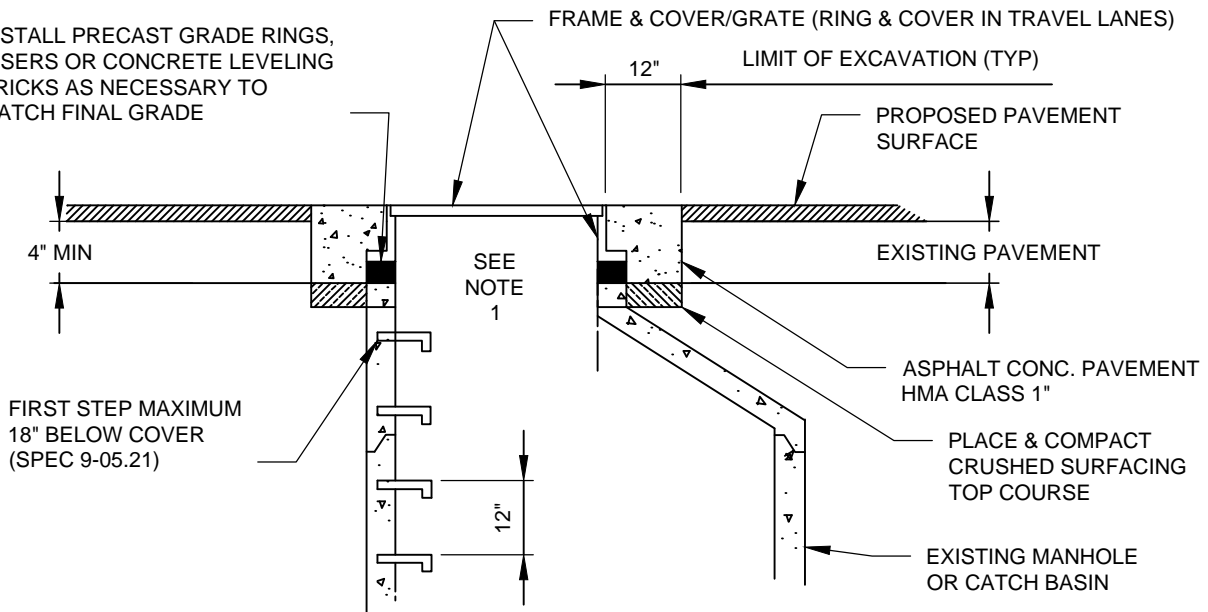
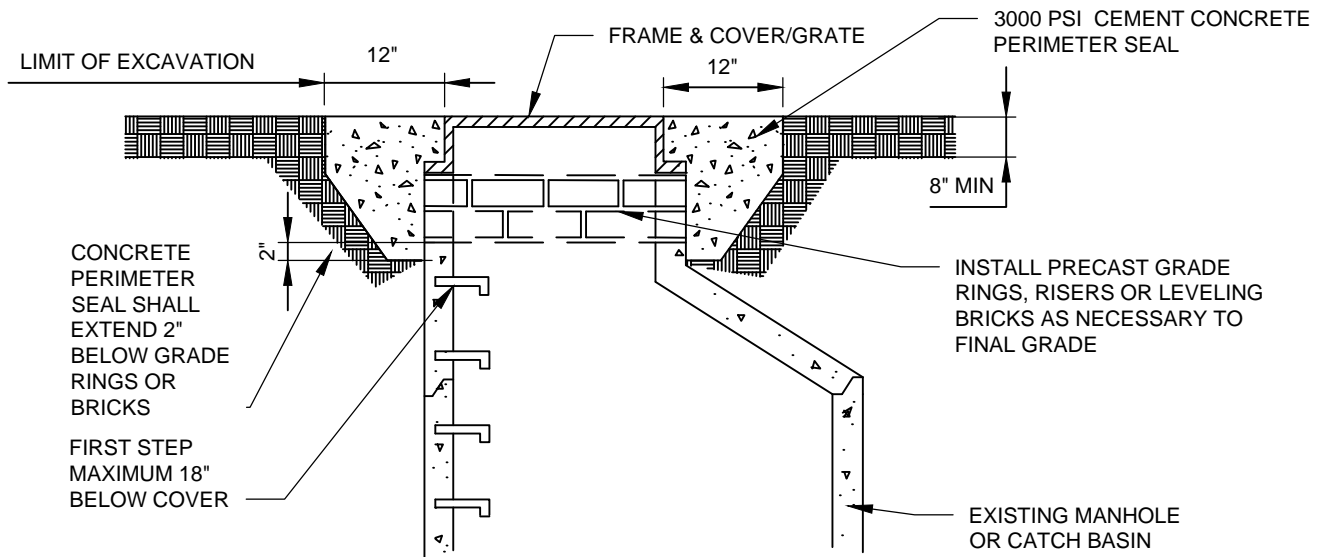


INSTALL PRECAST GRADE RINGS, RISERS OR CONCRETE LEVELING BRICKS AS NECESSARY TO MATCH FINAL GRADE



### PAVED AREAS

NTS



### UNPAVED AREAS

NTS

#### NOTES:

1. WHERE DEPTH OF NECK EXCEEDS 24 INCHES, ADJUST MANHOLE/CATCH BASIN TO GRADE BY INSERTING NEW BARREL SECTION BETWEEN THE CONE/SLAB AND EXISTING BARREL.
2. GRADE RINGS, CONCRETE RISERS AND CONCRETE BRICK SHALL BE SET IN  $\frac{3}{4}$  INCH NON-SHRINK GROUT, PLASTER SMOOTH INSIDE AND OUT.
3. STEPS OR HAND HOLDS SHALL BE ADDED AS NEEDED, PER SPEC 9-05.21. DO NOT HANG A LADDER FROM THE TOP STEP.
4. PRECAST GRADE RINGS AND RISERS MUST BE CAST WITH GROOVE TO ALLOW FIELD INSTALLATION OF SAFETY STEP.
5. REPLACE EXISTING FRAME AND COVER/GRATE IF NON-STANDARD OR WORN. IF STRUCTURE IS IN TRAVEL LANE, REPLACE FRAME AND GRATE WITH RING AND COVER. SEE STD DETAIL 631.
6. GROUT INSIDE AND OUTSIDE OF MANHOLE/CATCH BASIN NECK TO ACHIEVE WATER TIGHT CONSTRUCTION. FINISH SMOOTH THE INSIDE OF THE NECK. USE NON-SHRINK GROUT ONLY.
7. LOCKING RING AND COVERS ARE REQUIRED IN ALL UNPAVED AREAS AND EASEMENTS. LOCKING RING AND COVER SHALL CONFORM TO STANDARD SPEC 9-05.15(2).

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*Gary M. Schimke*  
 NATURAL RESOURCES/STORMWATER ENGINEERING MANAGER  
 REVISION DATE: MARCH 01, 2017



STANDARD DETAILS  
 STORMWATER MANHOLE/CATCH  
 BASIN ADJUSTMENT DETAIL  
 FILE NAME: SD615.DWG    DETAIL NUMBER: 615